PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY KH-4 MISSION 1038-2

19-26 JANUARY 1967

PART I

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KH-4 MISSION 1038-2, 19-26 JAN 67

TABLE OF CONTENTS

PREFACE	2
HIGHLIGHTS	3
MISSILES	5
AIR FACILITIES	9
MILITARY ACTIVITY	15
CONDIENES	18

TOP SECRET
Approved For Release 2005/03/09: CIA-RDP99T01396R000200330001-5
KH-4 MISSION 1038-2. 19-26 JAN 67

PREFACE

THIS IS THE FIRST OF TWO OAK REPORTS ON MISSION 1038-2 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVER-HEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS.

LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES APPEARS ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE —— C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

Highlights

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HIGHLIGHTS

1. MISSILE ACTIVITY

TWELVE OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE OBSERVED ON THIS MISSION. ALEYSK, KARTALY, YEDROVO, KOZELSK, OMSK, GLADKAYA AND YOSHKAR-OLA ARE OBSERVED ON CLEAR, STEREO PHOTOGRAPHY. TWO TYPE IIIC SINGLE SILO LAUNCH SITES ARE IDENTIFIED IN AN EARLY STAGE OF CONSTRUCTION AT ALEYSK AND ONE TYPE IIID SITE IS IDENTIFIED AT KOZELSK. THE LATTER IS A CENTRAL SITE AND INDICATES THE PRESENCE OF A THIRD LAUNCH GROUP AT KOZELSK. SCATTERED TO HEAVY CLOUDS OBSCURE PORTIONS OF DOMBAROVSKIY, PERM, ZHANGIZ-TOBE AND SVOBODNYY. PLESETSK CAN ONLY BE IDENTIFIED THROUGH HEAVY HAZE.

PLESETSK, YOSHKAR-OLA, SVOBODNYY, OMSK, PERM, ZHANGIZ-TOBE, DOMBAROVSKIY, AND ALEYSK ARE REPORTED IN THE OAK, PART I.

THE TYURATAM MISSILE TEST CENTER IS COMPLETELY COVERED BY STERED PHOTOGRAPHY OF FAIR INTERPRETABILITY. NO MISSILE EXERCISES ARE OBSERVED AT ANY OF THE LAUNCH AREAS. NEITHER THE KAPUSTIN YAR/VLADIMIROVKA, USSR, NOR THE SHUANG-CHENG-TZU, CHINA, MISSILE TEST CENTERS, IS COVERED BY THIS MISSION.

OF THE 26 KNOWN PROBABLE LONG RANGE SAM LAUNCH COMPLEXES, 6 ARE OBSERVED ON CLEAR PHOTOGRAPHY AND 2 ON HAZE-COVERED PHOTOGRAPHY—ALL WITH SNOW COVER ON THE GROUND. ALL OTHERS ARE CLOUD COVERED OR NOT COVERED. BABAYEVO, PLESETSK AND KRASNOYARSK ARE REPORTED IN THIS OAK, PART I.

FOUR OF THE 7 KNOWN PROBABLE ABM LAUNCH COMPLEXES IN MOSKVA AND THE DOGHOUSE ARE COVERED ON CLEAR PHOTOGRAPHY WITH SNOW COVER ON THE GROUND. ALL OTHERS ARE NOT COVERED.

THE SARY-SHAGAN ANTIMISSILE TEST CENTER CAN BE IDENTIFIED ONLY.

1OF	T	H	٧	IE	T	N	AM	1	IS		CC	V	EF	RE	D	B	Y	3	P	AS	S	ES												W	ITH	į
IN	E	S1	I	MA	T	E	D	8	Ø	P	EF	C	EN	TV	A	٧	ER	A	GE	C	L	000	5	CC	VE	R.		OF	1.	TH	E	15	2	KN	OWN	į
SA-	-2	5	A	M	S	I	TE	S	9	7	5	1	TE	ES	A	R	Ε	0	35	ER	V	ED	I	N	TH	E	CL	OL	D	-F	RE	Ε	AR	EA	S.	
THE	ES	E	S	11	FE	S	A	IR	Ε	S	E	EN	(NC		_	_			-	\neg								,							

25X1

2. AIR ACTIVITY

AND HAVE THE FOLLOWING AIR ORDER OF BATTLE -UKRAINA AIRFIELD -- 24 HEAVY SWEPT-WING, 4 POSSIBLE HEAVY
SWEPT-WING, AND 2 MEDIUM STRAIGHT-WING.

SPASSK-DALNIY EAST -- 20 PROBABLE BADGER, 1 LIGHT STRAIGHT-WING AND 30 SMALL SWEPT-WING.

KHOROL EAST -- 7 BEAR, 53 PROBABLE BADGER AND 2 LIGHT STRAIGHT-WING. USSURIYSK/VOZDVIZHENKA -- 23 PROBABLE BADGER, 1 POSSIBLE BADGER, 10 PROBABLE BEAGLE, 1 COOT, 1 CAB, 40 SMALL SWEPT/DELTA-WING AND 1 SMALL STRAIGHT-WING.

DOLON AIRFIELD -- 40 HEAVY SWEPT-WING.

ONE PACIFIC OCEAN FLEET AIR FORCE AIRFIELD (ROMANOVKA WEST) IS COVERED AND HAS THE FOLLOWING AIR OB -- 12 PROBABLE BADGER AND 1 SMALL STRAIGHT-WING.

ONE NORTHWEST BOMBER COMMAND AIRFIELD (TARTU) IS COVERED AND HAS THE FOLLOWING AIR OB -- 31 PROBABLE BADGER, 26 CAT/CUB AND 1 LIGHT STRAIGHT-WING. FOURTEEN PROBABLE SHIPPING CRATES ARE IN THE ASM AREA.

ONE NORTHERN FLEET AIR FORCE AIRFIELD (ARKHANGELSK/KHOLM) IS COVERED AND HAS THE FOLLOWING AIR OB -- 10 POSSIBLE AIRCRAFT.

25X2

4. NAVAL ACTIVITY

ALL HIGH PRIORITY COMOR NAVAL TARGETS PREDICTED FOR COVERAGE ARE CLOUD COVERED.

STATUS OF COMOR TARGET READOUT

THIS OAK REPORTS ON 54 COMOR TARGETS.

Missiles

25X1

25X1

25X1

25X1

OMSK ICBM COMPLEX

MISSILES

PLES	ETSK MISSILE	AND SPAC	E CENTER		UR	6254N	Ø4Ø38E		25X1
	THE EASTERN PHOTOGRAPHY POINT ARE CONTROL SNOW, AND SONEW MISSILE COVERED BY	TWELVE OVERED BU CATTERED FACILITI	LAUNCH S T CAN BE CLOUDS PR ES WITHIN	ITES AND IDENTIFIE ECLUDE IC	THE D OI DENT	TRANS NLY. IFICAT	HAZE, ION OF		
									V
YURY	A ICBM COMPL	EX			UR	59Ø4N	Ø4917E		-
	LAUNCH COMPO OF THE SEAR MISSILE ACT	CH AREA I	S COVERED						
					4				
YOSH	KAR-OLA ICBM	COMPLEX			ŲR	5633N	Ø48Ø1E		
	COMPLEX AND	SEARCH A	REA COVER	ED BY CLE	AR I	PHOTOG	RAPHY.		
	NO NEW MISS	ILE OR MI	SSILE-REL	ATED ACT	IVIT	Y .OBŞE	RVED.		
]					
SVOB	ODNYY ICBM C	OMPLEX			UR	5146N	128Ø6E		
	COMPLEX AND PHOTOGRAPHY 19 ARE EITH MISSILE ACT THE SEARCH	. OF THE ER CLOUD IVITY OBS	46 SITES	R NOT CO	IDE	NTIFIA D. NO	BLE AND NEW	= §	
								1	1

ENTIRE COMPLEX AND 50-NM SEARCH AREA ARE COVERED BY PHOTOGRAPHY. NO NEW MISSILE OR MISSILE-RELATED ACTIVITY OBSERVED.

25X1

25X1

25X1

UR

55Ø4N Ø7331E

RM ICBM COMPLEX	UR 5742N Ø5619E ×
ENTIRE COMPLEX AND THE WESTE AREA IS COVERED BY PHOTOGRAP COMPLEX SUPPORT FACILITY, AN IDENTIFIED ONLY. NO NEW MIS THE CLOUD-FREE PORTIONS OF T	PHY. THE LAUNCH SITES. ID TRANSFER POINT CAN BE SSILE FACILITIES OBSERVED IN
	1.14
OVOSIBIRSK ICBM COMPLEX	UR 5515N Ø8259E
COMPLEX IS NOT COVERED. ONE SEARCH AREA COVERED BY PHOTO MISSILE-RELATED ACTIVITY OBS	GRAPHY. NO NEW MISSILE OR
ANGIZ-TOBE ICBM COMPLEX	UR 4912N Ø81Ø9E
ELEVEN LAUNCH SITES, THE COURAIL-TO-ROAD TRANSFER POINT THE SEARCH AREA ARE COVERED MISSILE FACILITIES OBSERVED THE SEARCH AREA.	AND THE WESTERN FIFTH OF SERVICE NO NEW SERVICE NO NEW SERVICE NO NEW SERVICE NO NEW SERVICE NEW SERVI
	¥-
OMBAROVSKIY ICBM COMPLEX	UR 5101N 05950E
KNOWN SITES, ONLY 6 ARE OBS	AREA ARE COVERED. OF THE 30 ERVED AND 5 OF THESE CAN BE
OBSERVED IN THE CLOUD-FREE	PORTIONS OF THE SEARCH AREA.

25X1	TOP SECRET Approved For Release 2005/03/09 : CIA-RDP99T01396R000200330001-5	25X1 25X1
	KH-4 MISSION 1038-2, 19-26 JAN 67	25X1
	BABAYEVO PROBABLE LR SAM LAUNCH COMPLEX UR 5933N Ø352ØE	
25X1.	A FOURTH BUILDING IN THE SUPPORT AREA HAS PROBABLY BEEN COMPLETED SINCE NO SIGNIFICANT CHANGE IS DISCERNIBLE IN THE CONSTRUCTION STATUS OF THE LAUNCH COMPLEX. NO MISSILES OR MISSILE-RELATED EQUIPMENT DISCERNIBLE.	
25X1		
	PLESETSK PROB LONG RANGE SAM LAUNCH CPLX UR 6312N Ø41Ø9E	
	NO APPARENT CHANGE SINCE NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED.	25X1
25X1		
	KRASNOYARSK PROB LONG RANGE SAM LCH CPLX UR 5634N Ø932ØE	
	NO APPARENT CHANGE OBSERVED SINCE SNOW HAS BEEN REMOVED FROM SERVICE ROADS AT LAUNCH SITES A AND C. BUT NOT SITE B. NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED.	25X1
25X1		

Air Facilities

25X1 25X1 TOP SECRET
Approved For Release 2005/03/09 CIA-RDP99T01396R000200330001-5 25X1 KH-4 MISSION 1038-2, 19-26 JAN 67 25X1 AIR FACILITIES DOLON AIRFIELD 5032N 07912E UR OB -- AT LEAST 40 HEAVY SWEPT-WING AIRCRAFT. NO NEW CONSTRUCTION. CHANGES IN FACILITIES. OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. 25X1 UKRAINA AIRFIELD UR 5110N 12826E OB -- 24 HEAVY SWEPT-WING, 4 POSSIBLE HEAVY 25X1 SWEPT-WING, 3 MEDIUM SWEPT-WING, AND 2 MEDIUM STRAIGHT-WING AIRCRAFT. NO ASM STORAGE OBSERVED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. 25X1 SPASSK-DALNIY AIRFIELD EAST UR 4437N 13253E OB -- 20 PROBABLE BADGER, 1 LIGHT:STRAIGHT-WING, AND AT LEAST 36 SMALL SWEPT-WING. 25X1 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. 25X1° USSURIYSK/VOZDVIZHENKA AIRFIELD UR 4355N 13156E

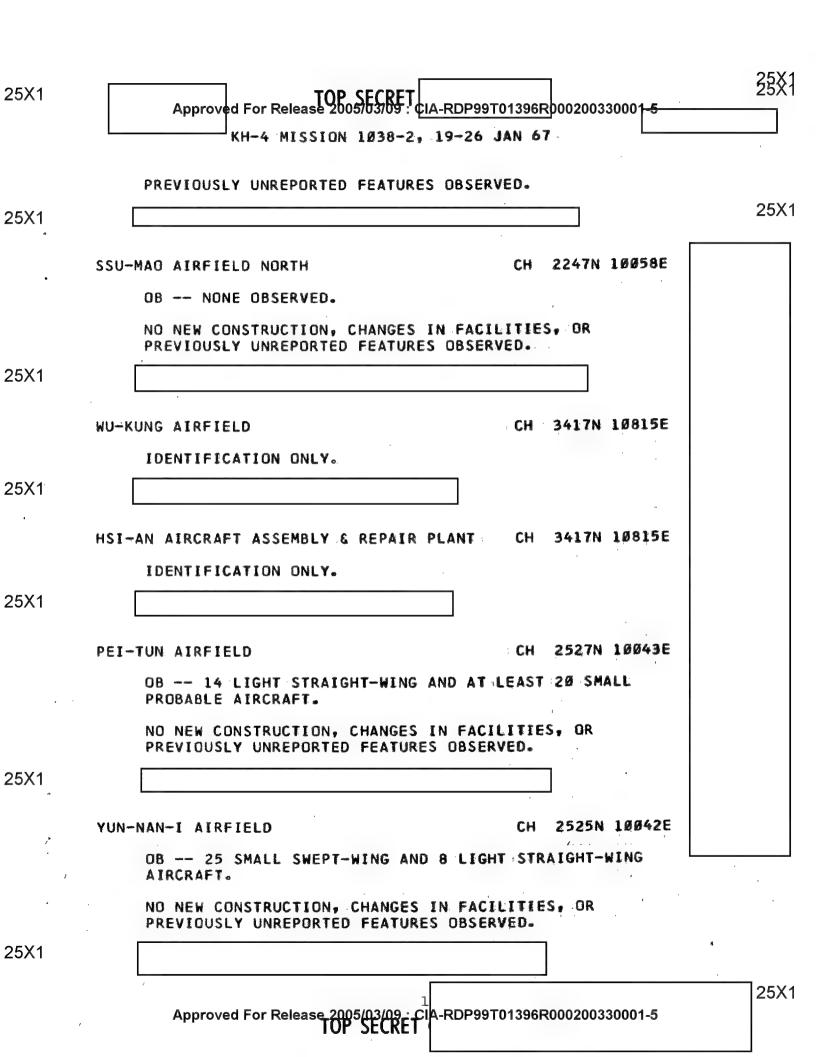
OB -- 23 PROBABLE BADGER, 1 POSSIBLE BADGER, 10 PROBABLE BEAGLE, 1 COOT, 1 CAB, AT LEAST 40 SMALL: SWEPT/DELTA-WING AND 1 SMALL STRAIGHT-WING.

AW RADAR SITE IN THE SW SECTOR OF THE AIRFIELD CONTAINS

AT LEAST 2 OCCUPIED RADAR M	DUNDS.
NO ASM STORAGE FACILITY OBS	ERVED.
ARTU AIRFIELD	UR 5824N Ø2646E
OB 31 PROBABLE BADGER, 20 STRAIGHT-WING. APPROXIMATE CRATES ARE LOCATED ON THE CEND OF THE DRIVE-THROUGH THE FACILITY.	LY/14/PROBABLE SHIPPING ONCRETE APRON AT THE WEST
NO NEW CONSTRUCTION OR CHAN	GES IN FACILITIES OBSERVED.
HOROL AIRFIELD EAST	UR 4427N 132Ø8E
OB 7 BEAR, 53 PROBABLE B STRAIGHT-WING.	ADGER . AND 2 LIGHT
NO CHANGES TO THE ASM STORA	GE FACILITY.
NO NUCLEAR STORAGE FACILITY	OBSERVED
NO NEW CONSTRUCTION, CHANGE PREVIOUSLY UNREPORTED FEATU	S IN FACILITIES. OR RES OBSERVED.
OMANOVKA AIRFIELD WEST	UR 4314N 13219E
OB 12 PROBABLE BADGER AN	D 1 SMALL STRAIGHT-WING.
NO NEW CONSTRUCTION: CHANGE PREVIOUSLY UNREPORTED FEATU	S IN FACILITIES. OR RES OBSERVED.

	OBSERVED.
SI-NING AIRFIELD	CH 3634N 1Ø151E
OB NONE OBSERVED.	
NO RADAR OBSERVED.	
NO NEW CONSTRUCTION: CHANGES I PREVIOUSLY UNREPORTED FEATURES	
UEI-LIN/LI-CHIA-TSUN AIRFIELD	CH 2511N 11019E
IDENTIFICATION ONLY.	
IU-CHOU AIRFIELD	CH 2417N 10923E
IDENTIFICATION ONLY.	·
ENG-TZU AIRFIELD WEST	CH 2324N 10319E
OB AT LEAST 31 PROBABLE FIG	HTERS.
NO NEW CONSTRUCTION, CHANGES I PREVIOUSLY UNREPORTED FEATURES	
AN-NING:AIRFIELD	CH 2249N 10820E

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A-SA AIRFIELD	TI 3030N 09107E
OB NONE OBSERVED.	
NO NEW CONSTRUCTION, PREVIOUSLY UNREPORTED	CHANGES IN FACILITIES. OR D FEATURES OBSERVED.
AN-NING/WU-YU AIRFIELD	CH 2236N 1Ø81ØE
OB 42 SMALL PROBAE STRAIGHT-WING AIRCRAF	BLE SWEPT-WING AND 1 LIGHT FT.
NO NEW CONSTRUCTION, PREVIOUSLY UNREPORTED	CHANGES IN FACILITIES. OR D FEATURES OBSERVED.
UN-MING/WU-CHIA-PA AIRFI	ELD CH 2459N 10244E
STRAIGHT-WING, AT LEA AND 3 POSSIBLE HELICO 3 LIGHT STRAI	IGHT-WING, 12 SMALL STRAIGHT-WING, SMALL SWEPT-WING FIGHTERS, AND 3
NO NEW CONSTRUCTION, PREVIOUSLY UNREPORTED	CHANGES IN FACILITIES, OR D FEATURES OBSERVED.
EP AIRFIELD	. VN 2124N 10616E
OB NONE OBSERVED.	
OB HOME OBSERVED	

ING-YUAN-CHIEH AIRFIELD	CH 2342N 10350E
OB 1 LIGHT STRAIGHT-WING POSSIBLE AIRCRAFT.	AND AT LEAST 5 SMALL
SUPPORT FACILITIES ARE STILL	UNDER CONSTRUCTION.
SU-PU AIRFIELD	CH 2756N 11040E
OB NONE OBSERVED.	
CONSTRUCTION APPEARS TO BE C	OMPLETE.
UNG-KA AIRFIELD	TI : 2917N Ø9Ø55E
OB NONE.	
RUNWAY SERVICEABLE. TAXIWAY ARE STILL UNDER CONSTRUCTION	

Military Activity

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

ENG-YANG AMNUNITION DEPOT SOUTH	EAST CH 2651N 11241E
NO NEW CONSTRUCTION, CHANGE PREVIOUSLY UNREPORTED FEATURE	
SIA-KUAN BARRACKS & HQ 42 INFAN	TRY DIV CH 2536N 10012E
NO NEW DEFENSES OR SECURITY TROOP BUILDUP OR STOCKPILIN	OBSERVED. NO EVIDENCE OF
NO NEW CONSTRUCTION, CHANGE PREVIOUSLY UNREPORTED FEATL	
NO VEHICLES, WEAPONS, OR EC	UIPMENT OBSERVED.
UEI-HSIEN ARMY BARRACKS	CH 2307N 10938E
IDENTIFICATION ONLY.	
	CH 252ØN 1ØØ29E
II-TU ARMY BARRACKS	
II-TU ARMY BARRACKS NO INDICATION OF TROOP OR 5	SUPPLY BUILDUP.
	S IN FACILITIES, OR
NO NEW CONSTRUCTION, CHANGE	S IN FACILITIES, OR JRES OBSERVED.
NO INDICATION OF TROOP OR S	S IN FACILITIES, OR JRES OBSERVED.

16 F

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KH-4 MISSION 1038-2.	
A GIANG MILITARY AREA	VN 2249N 10459E
IDENTIFICATION ONLY.	
ANG-CHENG ARMY BARRACKS	CH 2146N 1Ø821E
NO INDICATIONS OF TROOP, SUPPL	Y. OR POL BUILDUP.
NO NEW CONSTRUCTION, CHANGES I PREVIOUSLY UNREPORTED FEATURES	N FACILITIES, OR OBSERVED.
NO VEHICLES, WEAPONS, OR EQUIP	MENT OBSERVED.
HA NOI/LAO CAI RR SEGMENT 1	VN 2220N 10410E
IDENTIFICATION ONLY.	_

Complexes

25X1	Approved For Release 2006 F6985 CIA-RDP99T01396R000200330001-5	25X 25X
	KH-4 MISSION 1038-2, 19-26 JAN 67	
		25X
	COMPLEXES	_
	NAN-NING COMPLEX CH 2249N 1Ø819E	
*	NO INDICATION OF NEW CONSTRUCTION OR CHANGES IN INDUSTRIAL FACILITIES. INDUSTRIAL ACTIVITY APPEARS NORMAL. NO INDICATION OF TROOP, SUPPLY, OR POLBUILDUP.	
25X1		
	LIU-CHOU COMPLEX CH 2418N 10924E	
	NO INDICATION OF NEW MILITARY OR INDUSTRIAL ACTIVITY IN CLOUD-FREE AREAS. CLOUDS PRECLUDE ESTIMATE OF RAIL ACTIVITY.	
ı	NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.	
25X1		